

PIYUSH ZAWAR (Data Scientist)

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[Github](#)

[LinkedIn](#)

TECHNICAL SKILLS

Programming Languages	: Python
Libraries & Frameworks	: NumPy, Pandas, Scikit-learn, TensorFlow, Keras, Langchain, Natural Language Processing, Machine Learning, Artificial Intelligence.
Data Visualization Tools	: Matplotlib, Seaborn, Plotly
Tools & Technologies	: Tesseract OCR, Flask, Streamlit, Google Generative AI
Soft Skills	: Problem-solving, Team collaboration, Communication

PROFESSIONAL EXPERIENCE

INTERN – DATA SCIENCE

Innomatics Research Labs, Pune, India (September 2024 – December 2024)

- Collaborated on various machine learning and AI-driven projects, analyzing large datasets to derive actionable insights.
- Utilized Python and visualization tools to create impactful data narratives and models.
- Delivered solutions that significantly improved operational efficiency and supported decision-making processes.

FREELANCE TRANSLATOR

Fiverr (2021 – Present)

- Successfully provided translation services to a global clientele, delivering high-quality results for diverse projects.
- Achieved **Level 1 Seller** status by maintaining consistent client satisfaction and timely project completion.
- Developed expertise in translating technical and non-technical content across multiple domains.

KEY PROJECTS

Final Project: Building AI-Powered Solution for Assisting Visually Impaired Individuals [\[Link\]](#)

- Designed an AI-based solution integrating real-time scene understanding, text-to-speech conversion & object detection.
- Utilized Streamlit, Langchain, Google Generative AI, and Tesseract OCR to deliver personalized assistance for daily tasks.
- Achieved robust performance metrics, providing seamless assistance to end-users.

AI Code Reviewer GenAI Application [\[Link\]](#)

- Developed an AI-powered application to analyze and correct code snippets.
- Integrated natural language processing models to suggest optimization and ensure coding standards compliance.
- Enabled developers to streamline code review processes and improve productivity.

ML Project on Diamond Price Prediction [\[Link\]](#)

- Built a regression model to predict diamond prices based on various features like carat, cut, color, and clarity.
- Achieved high accuracy by employing advanced feature engineering techniques and hyperparameter tuning.
- Delivered an interactive dashboard to visualize predictions and insights.

Data-Driven Insights for Diverse Datasets

- Analyzed historical order and delivery data to identify peak hours, optimize delivery performance, and enhance profitability for a pizza store.
- Conducted hypothesis testing on the AMCAT dataset to explore relationships between education, specialization, and salary claims, delivering validated insights on employability trends.
- Worked with over 112,000 data points to uncover patterns and trends in the EV market, visualizing adoption rates using advanced techniques like choropleth maps and bar-chart races.

CERTIFICATIONS

- Data Science Professional Certificate	– PWSkills
- Advanced Data Analysis Internship Program	– Innomatics Research Labs
- Advanced Machine Learning and Generative AI Internship Program	– Innomatics Research Labs

EDUCATION

Shrama Sadhana Bombay Trust's College of Engineering

Bachelor of Mechanical Engineering

2016 - 2020

Jalgaon, Maharashtra